Table 4B

2011 Pediatric Nutrition Surveillance (1) **North Dakota**

Comparison of Racial and Ethnic Distribution by County Children Aged < 5 Years (2)

Page: Run Date: 3 / 14 / 12

		Com	parison of Ra	acial and Eth	nic Distributi	on		
County	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races	All Other / Unknown %
Adams	44	*	*	*	*	*	*	*
Barnes	202	73.8	8.9	5.0	3.5	0.5	8.4	0.0
Benson	558	2.9	0.0	3.0	92.3	0.5	1.3	0.0
Bottineau	81	*	*	*	*	*	*	*
Bowman	31	*	*	*	*	*	*	*
Burke	14	*	*	*	*	*	*	*
Burleigh	1,641	57.0	1.1	5.9	23.4	0.9	11.8	0.0
Cass	3,041	58.6	17.5	8.2	3.9	2.7	9.0	0.2
Cavalier	65	*	*	*	*	*	*	*
Dickey	116	73.3	0.0	18.1	0.0	0.0	8.6	0.0
Divide	22	*	*	*	*	*	*	*
Dunn	8	*	*	*	*	*	*	*
Eddy	28	*	*	*	*	*	*	*
Emmons	117	89.7	2.6	1.7	1.7	0.0	4.3	0.0
Foster	42	*	*	*	*	*	*	*
Golden Val	16	*	*	*	*	*	*	*
Grand Fork	1,769	57.9	7.2	14.4	7.6	1.7	11.3	0.0
Grant	21	*	*	*	*	*	*	*
Griggs	59	*	*	*	*	*	*	*

⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.



⁽³⁾ Excludes records with errors.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

North Dakota

Comparison of Racial and Ethnic Distribution by County Children Aged < 5 Years (2)

Page: Run Date: 3 / 14 / 12

		Com	parison of Ra	acial and Eth	nic Distributi	on		
County	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaska Native %	Asian/Pacific Islander %	Multiple Races	All Other / Unknown %
Hettinger	17	*	*	*	*	*	*	*
Kidder	31	*	*	*	*	*	*	*
LaMoure	19	*	*	*	*	*	*	*
Logan	24	*	*	*	*	*	*	*
McHenry	60	*	*	*	*	*	*	*
McIntosh	47	*	*	*	*	*	*	*
McKenzie	24	*	*	*	*	*	*	*
McLean	119	83.2	0.8	8.4	3.4	0.0	4.2	0.0
Mercer	77	*	*	*	*	*	*	*
Morton	457	66.5	1.1	7.9	14.7	0.0	9.8	0.0
Mountrail	14	*	*	*	*	*	*	*
Nelson	48	*	*	*	*	*	*	*
Pembina	150	82.0	2.0	12.0	2.0	0.7	1.3	0.0
Pierce	45	*	*	*	*	*	*	*
Ramsey	399	44.9	1.3	8.0	33.6	0.3	12.0	0.0
Ransom	125	81.6	0.8	8.0	2.4	0.0	7.2	0.0
Renville	14	*	*	*	*	*	*	*
Richland	368	74.7	1.6	10.9	8.4	0.8	2.4	1.1
Rolette	1,408	2.1	0.1	3.5	91.5	0.1	2.6	0.1

⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.



⁽³⁾ Excludes records with errors.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

North Dakota

Comparison of Racial and Ethnic Distribution by County Children Aged < 5 Years (2)

Page: Run Date: 3 / 14 / 12

		Com	parison of Ra	acial and Eth	nic Distributi	on		
County	Number Included in Analysis (3)	White, Not Hispanic	Black, Not Hispanic	Hispanic	American Indian/Alaska Native	Asian/Pacific Islander	Multiple Races	All Other / Unknown
	Allalysis (5)	%	%	%	%	%	%	%
Sargent	53	*	*	*	*	*	*	*
Sheridan	27	*	*	*	*	*	*	*
Stark	393	79.4	3.3	6.4	3.8	0.8	6.1	0.3
Steele	19	*	*	*	*	*	*	*
Stutsman	448	83.0	7.4	4.9	0.9	0.9	2.9	0.0
Towner	25	*	*	*	*	*	*	*
Traill	170	85.9	0.6	11.8	1.2	0.0	0.6	0.0
Walsh	422	49.3	0.2	45.3	0.9	0.2	3.8	0.2
Ward	1,772	66.0	2.4	13.7	5.8	1.4	10.5	0.2
Wells	65	*	*	*	*	*	*	*
Williams	406	68.5	0.2	10.1	4.7	0.5	12.8	3.2
North Dakota	15,121	56.5	5.4	9.9	19.0	1.2	7.9	0.2
Nation (Prior Year)	8,672,965	32.5	19.1	39.7	0.9	2.5	2.7	2.5



⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.

⁽³⁾ Excludes records with errors.

Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 5B

2011 Pediatric Nutrition Surveillance (1) **North Dakota**

Comparison of Age Distribution by County Children Aged < 5 Years (2)

Comparison of Age Distribution County Number 0 - 11 Months 12 - 23 Months 24 - 59 Months Included in Analysis (3,4)% % % Adams 44 Barnes 202 39.1 20.8 40.1 Benson 558 33.0 17.7 49.3 Bottineau 81 Bowman 31 Burke 14 Burleigh 1,641 42.4 15.9 41.7 Cass 17.7 3,041 38.4 43.9 Cavalier 65 Dickey 116 30.2 12.9 56.9 Divide 22 Dunn 8 Eddy 28 **Emmons** 117 27.4 12.8 59.8 42 Foster 16 Golden Val Grand Fork 1,769 37.7 18.7 43.6 Grant 21



Page:

Run Date: 3 / 14 / 12

⁽¹⁾ Reporting period is January 1 through December 31.(2) Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.
(4) Records rejected if date of birth and date of visit unknown.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 5B

2011 Pediatric Nutrition Surveillance (1) North Dakota

Comparison of Age Distribution by County Children Aged < 5 Years (2)

	Com	parison of Age Dist	ribution	
County	Number Included in Analysis	0 - 11 Months	12 - 23 Months	24 - 59 Months
	(3,4)	%	%	%
Griggs	59	*	*	*
Hettinger	17	*	*	*
Kidder	31	*	*	*
LaMoure	19	*	*	*
Logan	24	*	*	*
McHenry	60	*	*	*
McIntosh	47	*	*	*
McKenzie	24	*	*	*
McLean	119	38.7	20.2	41.2
Mercer	77	*	*	*
Morton	457	41.4	14.9	43.8
Mountrail	14	*	*	*
Nelson	48	*	*	*
Pembina	150	30.0	17.3	52.7
Pierce	45	*	*	*
Ramsey	399	39.3	15.5	45.1
Ransom	125	39.2	17.6	43.2
Renville	14	*	*	*

⁽¹⁾ Reporting period is January 1 through December 31.



Page:

Run Date:

3 / 14 / 12

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Records rejected if date of birth and date of visit unknown.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 5B

2011 Pediatric Nutrition Surveillance (1) North Dakota

Comparison of Age Distribution by County Children Aged < 5 Years (2)

	Cor	mparison of Age Dis	tribution	
County	Number Included in	0 - 11 Months	12 - 23 Months	24 - 59 Months
	Analysis (3,4)	%	%	%
Richland	368	37.2	20.4	42.4
Rolette	1,408	29.4	17.0	53.6
Sargent	53	*	*	*
Sheridan	27	*	*	*
Stark	393	45.5	17.8	36.6
Steele	19	*	*	*
Stutsman	448	42.2	17.0	40.8
Towner	25	*	*	*
Traill	170	33.5	14.7	51.8
Walsh	422	27.7	16.4	55.9
Ward	1,772	42.0	17.6	40.3
Wells	65	*	*	*
Williams	406	45.6	13.3	41.1
North Dakota	15,121	38.1	17.0	44.9
Nation (Prior Year)	8,672,965	33.7	22.1	44.2



Page:

Run Date: 3 / 14 / 12

⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Records rejected if date of birth and date of visit unknown.

^{*} Percentages are not calculated if < 100 records are available for analysis after exclusions.

Comparison of Growth and Anemia Indicators by County Children Aged < 5 Years (2) Page: 7 Run Date: 3 / 14 / 12

	_		Comparis	on of G	rowth ar	nd Aneı	mia Indi	cators		(3,4)		
		Birthweight	(5)			He	eight and V	Veight (3,4	4)			
		Low	High		Short Stature	Under- weight		(≥ 2 Yrs Overweight an Obese	d	Low	emia Hb/Hct (8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Adams	4	* *	* *	44	* *	* *	* *	21	* *	* *	37	* *
Barnes	51	* *	* *	200	3.5 (7)	1.5 (9)	12.0 (13)	85	* *	* *	151	6.0 (10)
Benson	119	8.4 (5)	18.5 (10)	552	2.4 (3)	2.7 (18)	19.0 (18)	270	18.9 (12)	11.9 (7)	428	19.9 (17)
Bottineau	19	* *	* *	79	* *	* *	* *	36	* *	* *	65	* *
Bowman	6	* *	* *	31	* *	* *	* *	15	* *	* *	22	* *
Burke	5	* *	* *	14	* *	* *	* *	4	* *	* *	9	* *
Burleigh	418	8.1 (3)	9.8 (3)	1,622	5.9 (15)	1.5 (9)	12.6 (14)	666	15.6 (7)	16.4 (11)	1,204	7.6 (13)
Cass	731	7.7 (2)	9.3 (2)	3,006	4.8 (12)	2.6 (17)	9.4 (9)	1,322	16.6 (9)	9.6 (3)	2,210	9.5 (14)
Cavalier	13	* *	* *	65	* *	* *	* *	31	* *	* *	45	* *
Dickey	25	* *	* *	116	2.6 (5)	1.7 (11)	8.6 (5)	67	* *	* *	84	* *
Divide	6	* *	* *	22	* *	* *	* *	11	* *	* *	16	* *

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Comparison of Growth and Anemia Indicators by County Children Aged < 5 Years (2) Page: 8 Run Date: 3 / 14 / 12

			Comparis	on of G	rowth ar	nd Aner	nia Indi	cators		(3,4)		
		Birthweight	(5)			Н	eight and V	Veight (3,4	1)		٨٠	emia
		Low	High		Short Stature	Under- weight		(≥ 2 Yrs Overweight and Obese	d	Low	Hb/Hct (8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Dunn	2	* *	* *	8	* *	* *	* *	4	* *	* *	6	* *
Eddy	3	* *	* *	28	* *	* *	* *	17	* *	* *	26	* *
Emmons	14	* *	* *	117	0.9 (1)	0.9 (5)	8.5 (4)	71	* *	* *	103	1.0 (2)
Foster	10	* *	* *	42	* *	* *	* *	16	* *	* *	31	* *
Golden Val	6	* *	* *	16	* *	* *	* *	7	* *	* *	8	* *
Grand Fork	389	8.7 (6)	11.6 (7)	1,747	5.8 (14)	2.7 (18)	12.9 (15)	755	14.3 (4)	15.0 (10)	1,243	17.3 (16)
Grant	2	* *	* *	21	* *	* *	* *	13	* *	* *	19	* *
Griggs	13	* *	* *	58	* *	* *	* *	31	* *	* *	44	* *
Hettinger	5	* *	* *	17	* *	* *	* *	6	* *	* *	9	* *
Kidder	4	* *	* *	31	* *	* *	* *	18	* *	* *	26	* *
LaMoure	2	* *	* *	19	* *	* *	* *	13	* *	* *	16	* *

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Growth and Anemia Indicators by County

Children Aged < 5 Years (2)

Page: 9 Run Date: 3 / 14 / 12

			Comparis	son of G	rowth ar	nd Anen	nia Indi	cators		(3,4)		
		Birthweight	(5)			He	eight and V	Veight (3,4)			A.T.	
		Low	High		Short Stature	Under- weight	Obese	≥ 2 Overwe Ob		d	Low I	emia Hb/Hct 8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Over	% weight ank)	% Obese (Rank)	Number	% (Rank)
Logan	5	* *	* *	23	* *	* *	* *	10	* *	* *	20	* *
McHenry	17	* *	* *	60	* *	* *	* *	29	* *	* *	47	* *
McIntosh	7	* *	* *	47	* *	* *	* *	24	* *	* *	40	* *
McKenzie	10	* *	* *	24	* *	* *	* *	9	* *	* *	13	* *
McLean	17	* *	* *	118	3.4 (6)	0.0 (1)	9.3 (8)	53	* *	* *	99	* *
Mercer	15	* *	* *	76	* *	* *	* *	32	* *	* *	61	* *
Morton	110	9.1 (8)	10.0 (4)	451	3.8 (8)	0.9 (5)	11.5 (12)	196 15.8	8 (8)	14.3 (8)	351	7.1 (12)
Mountrail	3	* *	* *	14	* *	* *	* *	3	* *	* *	9	* *
Nelson	9	* *	* *	48	* *	* *	* *	27	* *	* *	39	* *
Pembina	20	* *	* *	149	4.7 (11)	0.7 (3)	20.1 (19)	79	* *	* *	114	3.5 (8)
Pierce	12	* *	* *	45	* *	* *	* *	23	* *	* *	35	* *

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Page: 10 Run Date: 3 / 14 / 12

Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

		(Comparis	on of G	rowth ar	nd Aner	mia Indi	cators		(3,4)		
		Birthweight	(5)			Н	eight and V	Veight (3,	4)		Δr	nemia
		Low	High		Short Stature	Under- weight		(≥ 2 Yrs Overweight an Obese	nd	Low	Hb/Hct (8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Ramsey	87	* *	* *	394	4.3 (10)	1.0 (7)	9.1 (7)	186	15.1 (6)	8.6 (2)	312	4.5 (9)
Ransom	28	* *	* *	123	4.1 (9)	2.4 (16)	4.1 (1)	55	* *	* *	88	* *
Renville	0	* *	* *	14	* *	* *	* *	10	* *	* *	13	* *
Richland	86	* *	* *	362	6.4 (17)	1.9 (12)	15.5 (17)	152	17.8 (11)	17.1 (12)	270	13.0 (15)
Rolette	263	11.0 (9)	10.6 (5)	1,388	4.8 (12)	0.8 (4)	20.2 (20)	747	24.9 (13)	22.8 (13)	1,160	2.9 (4)
Sargent	11	* *	* *	53	* *	* *	* *	28	* *	* *	41	* *
Sheridan	7	* *	* *	27	* *	* *	* *	7	* *	* *	23	* *
Stark	113	12.4 (10)	5.3 (1)	389	6.7 (18)	2.1 (13)	4.9 (2)	144	14.6 (5)	4.9 (1)	229	7.0 (11)
Steele	4	* *	* *	19	* *	* *	* *	9	* *	* *	15	* *
Stutsman	108	4.6 (1)	11.1 (6)	441	7.3 (20)	2.9 (20)	14.7 (16)	180	13.3 (3)	14.4 (9)	323	3.1 (6)
Towner	4	* *	* *	25	* *	* *	* *	13	* *	* *	20	* *

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older, short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Page: 11 Run Date: 3 / 14 / 12

Comparison of Growth and Anemia Indicators by County Children Aged < 5 Years (2)

			Comparis	on of Gr	owth ar	nd Ane	mia Indi	cators		(3,4)		
		Birthweight	(5)			Н	eight and V	Veight (3,4)			
		Low	High		Short Stature	Under weigh		C	≥ 2 Yrs overweight ar Obese	nd	Low I	emia Hb/Hct 8)
County	Number	% <2500 g	% >4000 g	Number	% (Dank)	% (Dank)	% (Dank)	Number	% Overweight		Number	% (Dank)
		(Rank)	(Rank)		(Rank)	(Rank)	(Rank)		(Rank)	(Rank)		(Rank)
Traill	35	* *	* *	169	1.2 (2)	0.0 (1)	5.9 (3)	81	* *	* *	139	0.7 (1)
Walsh	73	* *	* *	410	2.4 (3)	2.2 (14)	10.7 (10)	223	17.5 (10)	11.2 (5)	341	3.2 (7)
Ward	447	8.7 (6)	11.6 (7)	1,755	6.3 (16)	2.3 (15)	8.9 (6)	705	12.5 (1)	10.9 (4)	1,133	3.0 (5)
Wells	16	* *	* *	64	* *	* *	* *	25	* *	* *	47	* *
Williams	109	8.3 (4)	12.8 (9)	398	7.0 (19)	1.3 (8)	11.3 (11)	164	12.8 (2)	11.6 (6)	266	2.6 (3)
North Dakota	3,463	8.4	10.1	14,941	5.2	2.0	12.0	6,693	16.7	13.2	11,050	7.9
Nation (Prior Year)	1,851,546	9.0	6.3	8,057,124	6.3	3.6	12.4	3,572,93	9 16.1	14.4	5,391,027	14.6

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

Page: Run Date:

3 / 14 / 12

(2)

			Breastfe (f	•				Exclus	sive B	reastfeedii (7)	ng	≤2 Hou Viewing (8)		Smoking in Household	
County	Number	Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	Breas At Leas 3 Mont (Ran	tfed st ths	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Adams	4	* *	6	* *	7	* *	8	*	*	6	* *	24	* *	41	* *
Barnes	51	* *	44	* *	30	* *	44	*	*	43	* *	88	* *	196	8.2 (13)
Benson	121	19.0 (10)	80	* *	86	* *	108	7.4	(6)	79	* *	291	65.6 (13)	547	10.4 (17)
Bottineau	19	* *	18	* *	12	* *	19	*	*	16	* *	38	* *	81	* *
Bowman	6	* *	6	* *	5	* *	3	*	*	6	* *	14	* *	28	* *
Burke	5	* *	1	* *	3	* *	4	*	*	1	* *	3	* *	13	* *
Burleigh	418	68.4 (4)	356	17.1 (4)	273	10.6 (4)	392	14.3	(3)	346	4.9 (5)	714	79.7 (7)	1,584	5.9 (12)
Cass	735	75.1 (1)	645	25.4 (2)	511	12.5 (3)	599	13.0	(4)	634	8.4 (3)	1,351	80.4 (5)	2,937	3.1 (3)
Cavalier	13	* *	15	* *	9	* *	14	*	*	15	* *	21	* *	56	* *
Dickey	25	* *	25	* *	13	* *	24	*	*	25	* *	64	* *	106	0.9 (1)
Divide	6	* *	4	* *	3	* *	5	*	*	4	* *	11	* *	21	* *
Dunn	2	* *	1	* *	1	* *	1	*	*	1	* *	5	* *	8	* *
Eddy	3	* *	6	* *	3	* *	5	*	*	6	* *	18	* *	28	* *

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

Page:

Run Date:

(2)

3 / 14 / 12

		Comp	arison	of Breas	stfeedi	ng, TV Vi	ewing	յ, and	Sm	oking i	n Housel	nold (4,5	5)		
			Breastfe	eeding 6)				Exclusi	ive B	reastfeedi (7)	ng	≤2 Hou Viewin	g/Day	Smoking in Household	
County	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	Breast At Leas 3 Montl	tfed st :hs	Number	% Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Emmons	14	* *	24	* *	24	* *	22	*	*	24	* *	75	* *	116	31.9 (20)
Foster	10	* *	8	* *	10	* *	8	*	*	8	* *	16	* *	42	* *
Golden Val	6	* *	2	* *	0	* *	4	*	*	2	* *	7	* *	16	* *
Grand Fork	389	75.1 (1)	407	26.3 (1)	316	14.9 (2)	367	15.5	(2)	401	6.2 (4)	807	79.4 (8)	1,712	4.8 (10)
Grant	2	* *	3	* *	1	* *	3	*	*	3	* *	14	* *	21	* *
Griggs	13	* *	10	* *	7	* *	13	*	*	10	* *	33	* *	58	* *
Hettinger	5	* *	4	* *	3	* *	4	*	*	3	* *	6	* *	16	* *
Kidder	4	* *	7	* *	3	* *	4	*	*	7	* *	18	* *	31	* *
LaMoure	2	* *	2	* *	0	* *	2	*	*	2	* *	13	* *	19	* *
Logan	5	* *	8	* *	4	* *	6	*	*	8	* *	11	* *	24	* *
McHenry	17	* *	9	* *	7	* *	13	*	*	9	* *	29	* *	60	* *
McIntosh	7	* *	8	* *	8	* *	6	*	*	8	* *	27	* *	46	* *
McKenzie	10	* *	1	* *	2	* *	7	*	*	1	* *	8	* *	23	* *

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

Page:

Run Date:

3 / 14 / 12

(2)

		Comp	arison	of Breas	stfeedi	ng, TV Vi	ewing	յ, and	Sm	oking i	n Housel	nold (4	.,5)			
			Breastfe	eeding 6)				Exclus	sive B	reastfeedir	ng	Viewi	urs TV ng/Day (8)		king in sehold	
County	Number	Ever Breastfed	Number	Breastfed At Least 6 Months	Number	Breastfed At Least 12 Months	Numbe	Breas At Lea 3 Mon	stfed s sst ths	Number	Breastfed At Least 6 Months	Number	%	Number	% (Pan)	k)
		(Rank)		(Rank)		(Rank)		(Rar			(Rank)		(Rank)		(Ranl	
McLean	17	* *	26	* *	25	* *	20	*	*	26	* *	45	* *	114	3.5	(4)
Mercer	15	* *	15	* *	11	* *	16	*	*	15	* *	34	* *	74	*	*
Morton	110	74.5 (3)	99	* *	72	* *	108	12.0	(5)	99	* *	205	78.0 (9)	442	4.3	(8)
Mountrail	3	* *	2	* *	3	* *	1	*	*	2	* *	3	* *	10	*	*
Nelson	9	* *	7	* *	8	* *	7	*	*	7	* *	29	* *	46	*	*
Pembina	20	* *	32	* *	23	* *	25	*	*	31	* *	84	* *	147	8.2	(13)
Pierce	12	* *	6	* *	3	* *	12	*	*	6	* *	26	* *	44	*	*
Ramsey	87	* *	101	9.9 (7)	68	* *	98	*	*	101	2.0 (6)	194	83.0 (4)	394	4.3	(8)
Ransom	28	* *	27	* *	13	* *	23	*	*	25	* *	59	* *	124	4.8	(10)
Renville	0	* *	0	* *	0	* *	1	*	*	0	* *	9	* *	13	*	*
Richland	88	* *	67	* *	60	* *	64	*	*	63	* *	155	76.8 (10)	343	13.4	(19)
Rolette	263	50.6 (9)	251	11.2 (6)	229	4.8 (5)	247	3.6	(7)	248	0.8 (7)	735	67.1 (12)	1,393	10.9	(18)
Sargent	11	* *	11	* *	6	* *	12	*	*	11	* *	29	* *	53	*	*

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

Page: Run Date:

3 / 14 / 12

(2)

			Breastfe	•				Exclusive	Breastfeed (7)	ling	≤2 Hou Viewin (Smoki House	
County	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	Breastfe At Least 3 Months (Rank)		r % Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Sheridan	7	* *	8	* *	5	* *	6	* *	8	* *	10	* *	26	* *
Stark	113	57.5 (8)	80	* *	64	* *	87	* *	77	* *	146	74.0 (11)	366	3.8 (7)
Steele	4	* *	3	* *	4	* *	1	* *	3	* *	9	* *	19	* *
Stutsman	108	61.1 (6)	107	16.8 (5)	82	* *	98	* *	103	8.7 (2)	188	91.0 (1)	436	2.5 (2)
Towner	4	* *	4	* *	5	* *	3	* *	4	* *	14	* *	24	* *
Traill	35	* *	29	* *	22	* *	29	* *	28	* *	84	* *	164	9.1 (15)
Walsh	74	* *	72	* *	50	* *	71	* *	72	* *	239	84.1 (3)	403	3.5 (4)
Ward	448	60.0 (7)	386	22.0 (3)	281	16.0 (1)	398	23.4 (1	369	17.3 (1)	618	84.6 (2)	1,687	3.7 (6)
Wells	17	* *	8	* *	8	* *	13	* *	8	* *	30	* *	64	* *
Williams	112	65.2 (5)	83	* *	49	* *	96	* *	78	* *	125	80.0 (6)	371	10.2 (16)
North Dakota	3,477	64.8	3,124	20.6	2,432	11.5	3,121	14.5	3,052	8.2	6,776	78.2	14,587	6.0
Nation (Prior Year)	1,689,6	15 63.2	908,604	25.1	1,069,9	42 16.9	363,03	9 10.7	466,27	' 9 6.1	1,200,700	79.2	4,203,554	9.4

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

Page: 16 Run Date: 3 / 14 / 12

			Comparis	on of G	rowth ar	nd Aneı	mia Indi	cators		(3,4)		
		Birthweight	(5)			H	eight and V	Veight (3,4	4)		A	
		Low	High		Short Stature	Under- weight		(≥ 2 Yrs Overweight an Obese	nd	Low	nemia Hb/Hct (8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Adams	29	* *	* *	161	11.2 (34)	1.2 (8)	19.9 (33)	79	* *	* *	124	3.2 (5)
Barnes	135	4.4 (2)	11.1 (13)	550	4.4 (12)	1.3 (12)	12.4 (20)	234	17.5 (16)	15.4 (19)	415	9.9 (21)
Benson	339	8.8 (9)	14.5 (15)	1,751	2.5 (4)	2.7 (30)	17.1 (30)	924	16.7 (12)	12.2 (12)	1,388	28.3 (32)
Bottineau	59	* *	* *	232	4.7 (15)	1.3 (12)	12.9 (22)	100	16.0 (10)	18.0 (21)	183	13.1 (28)
Bowman	26	* *	* *	109	5.5 (18)	0.0 (1)	13.8 (26)	43	* *	* *	76	* *
Burke	9	* *	* *	30	* *	* *	* *	12	* *	* *	19	* *
Burleigh	1,168	9.2 (12)	8.2 (5)	4,888	6.2 (27)	1.4 (16)	13.7 (25)	2,059	17.6 (17)	16.3 (20)	3,733	8.0 (19)
Cass	2,174	8.5 (6)	7.7 (4)	8,894	4.6 (13)	2.5 (29)	10.0 (11)	3,868	15.6 (7)	10.5 (9)	6,484	10.3 (24)
Cavalier	39	* *	* *	176	7.4 (32)	0.6 (3)	19.3 (32)	91	* *	* *	121	5.8 (14)
Dickey	63	* *	* *	344	2.6 (5)	0.6 (3)	10.8 (14)	181	17.7 (18)	9.4 (5)	262	12.6 (26)
Divide	19	* *	* *	93	* *	* *	* *	50	* *	* *	74	* *

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older, short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Comparison of Growth and Anemia Indicators by County Children Aged < 5 Years (2) Page: 17 Run Date: 3 / 14 / 12

			Comparis	on of G	rowth ar	nd Ane	mia Indi	cators		(3,4)		
		Birthweight	(5)			Н	eight and V	Veight (3,4	4)			
		Low	High		Short Stature	Under- weight		(≥ 2 Yrs Overweight an Obese	d	Low	emia Hb/Hct (8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Dunn	6	* *	* *	41	* *	* *	* *	24	* *	* *	36	* *
Eddy	11	* *	* *	86	* *	* *	* *	48	* *	* *	79	* *
Emmons	60	* *	* *	383	0.8 (1)	1.8 (21)	9.1 (7)	234	13.2 (1)	9.8 (6)	303	2.6 (3)
Foster	33	* *	* *	170	5.9 (22)	1.2 (8)	10.6 (13)	77	* *	* *	131	13.0 (27)
Golden Val	14	* *	* *	53	* *	* *	* *	29	* *	* *	35	* *
Grand Fork	1,257	8.1 (5)	9.3 (7)	5,262	5.6 (19)	2.1 (25)	12.5 (21)	2,201	15.9 (9)	14.9 (18)	3,555	15.7 (29)
Grant	6	* *	* *	68	* *	* *	* *	42	* *	* *	64	* *
Griggs	40	* *	* *	185	5.9 (22)	3.2 (34)	11.4 (16)	96	* *	* *	139	5.8 (14)
Hettinger	14	* *	* *	66	* *	* *	* *	35	* *	* *	41	* *
Kidder	23	* *	* *	121	1.7 (3)	1.7 (20)	19.0 (31)	57	* *	* *	98	* *
LaMoure	6	* *	* *	66	* *	* *	* *	39	* *	* *	59	* *

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older, short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Page: 18 Run Date: 3 / 14 / 12

Comparison of Growth and Anemia Indicators by County Children Aged < 5 Years (2)

			Comparis	on of G	rowth ar	nd Aner	nia Indi	cators		(3,4)		
		Birthweight	(5)			Не	eight and V	Veight (3,4	4)			
		Low	High		Short Stature	Under- weight		(≥ 2 Yrs Overweight an Obese	ıd	Low	nemia Hb/Hct (8)
County	Number	% <2500 g	% >4000 g	Number	%	%	%	Number	% Overweight	% Obese	Number	%
		(Rank)	(Rank)		(Rank)	(Rank)	(Rank)		(Rank)	(Rank)		(Rank)
Logan	17	* *	* *	75	* *	* *	* *	39	* *	* *	62	* *
McHenry	41	* *	* *	196	7.1 (30)	1.5 (18)	14.3 (28)	97	* *	* *	162	5.6 (13)
McIntosh	34	* *	* *	183	4.9 (16)	0.5 (2)	9.8 (10)	94	* *	* *	145	17.2 (31)
McKenzie	16	* *	* *	70	* *	* *	* *	34	* *	* *	52	* *
McLean	71	* *	* *	370	5.4 (17)	1.1 (6)	10.0 (11)	169	18.9 (20)	10.1 (7)	302	9.9 (21)
Mercer	56	* *	* *	250	5.6 (19)	1.2 (8)	7.2 (4)	101	16.8 (13)	5.9 (2)	194	4.6 (9)
Morton	340	8.5 (6)	8.8 (6)	1,402	4.3 (11)	1.2 (8)	11.3 (15)	598	16.1 (11)	11.2 (10)	1,082	10.0 (23)
Mountrail	11	* *	* *	51	* *	* *	* *	18	* *	* *	35	* *
Nelson	26	* *	* *	153	4.6 (13)	2.0 (22)	6.5 (2)	89	* *	* *	128	5.5 (12)
Pembina	81	* *	* *	458	5.9 (22)	1.5 (18)	16.8 (29)	242	14.9 (6)	13.6 (14)	334	4.8 (11)
Pierce	31	* *	* *	170	7.1 (30)	2.4 (28)	11.8 (18)	90	* *	* *	142	2.8 (4)

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older, short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Comparison of Growth and Anemia Indicators by County Children Aged < 5 Years (2) Page: 19 Run Date: 3 / 14 / 12

	_	l	Comparis	on of G	rowth ar	nd Aneı	mia Indi	cators		(3,4)		
		Birthweight	(5)			H	eight and V	Veight (3,4	1)		A	
		Low	High		Short Stature	Under- weight		(≥ 2 Yrs Overweight ar Obese	nd	Low	emia Hb/Hct (8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Ramsey	272	9.6 (13)	9.6 (10)	1,239	3.6 (9)	1.3 (12)	9.6 (9)	557	17.8 (19)	10.2 (8)	970	5.9 (16)
Ransom	81	* *	* *	405	3.5 (8)	2.7 (30)	4.9 (1)	195	17.4 (15)	6.7 (3)	300	16.3 (30)
Renville	10	* *	* *	50	* *	* *	* *	24	* *	* *	41	* *
Richland	276	9.8 (14)	7.2 (3)	1,145	5.9 (22)	2.3 (27)	14.1 (27)	512	21.5 (21)	13.9 (16)	855	11.2 (25)
Rolette	809	11.2 (15)	10.5 (11)	4,211	4.1 (10)	1.3 (12)	20.7 (34)	2,224	23.4 (22)	24.8 (22)	3,498	3.9 (7)
Sargent	33	* *	* *	174	7.5 (33)	1.1 (6)	7.5 (5)	77	* *	* *	126	8.7 (20)
Sheridan	23	* *	* *	93	* *	* *	* *	35	* *	* *	73	* *
Stark	337	8.6 (8)	5.3 (1)	1,283	6.1 (26)	2.8 (32)	7.6 (6)	518	13.7 (2)	7.3 (4)	833	7.8 (17)
Steele	16	* *	* *	61	* *	* *	* *	27	* *	* *	46	* *
Stutsman	328	8.8 (9)	9.5 (8)	1,270	6.6 (29)	3.1 (33)	13.5 (24)	509	13.9 (3)	13.0 (13)	934	4.7 (10)
Towner	17	* *	* *	80	* *	* *	* *	39	* *	* *	62	* *

- (1) Reporting period is January 1 through December 31.
- (2) Analyses based on one record per child.
- (3) Excludes records with unknown data or errors.
- (4) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (5) Infants born during the reporting period included in the analysis.
- (6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.
- (7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older, short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.
- (8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
- * Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Comparison of Growth and Anemia Indicators by County Children Aged < 5 Years (2) Page: 20 Run Date: 3 / 14 / 12

	_	ı	Comparis	on of G	rowth ar	nd Aneı	mia Indi	cators		(3,4)		
		Birthweight	(5)			Н	eight and V	Veight (3,4)		And	emia
		Low	High		Short Stature	Under- weight		С	≥ 2 Yrs overweight ar Obese	nd	Low I	Hb/Hct 8)
County	Number	% <2500 g (Rank)	% >4000 g (Rank)	Number	% (Rank)	% (Rank)	% (Rank)	Number	% Overweight (Rank)	% Obese (Rank)	Number	% (Rank)
Traill	105	1.9 (1)	11.4 (14)	492	1.4 (2)	2.0 (22)	6.9 (3)	233	14.6 (4)	4.3 (1)	399	1.0 (1)
Walsh	233	6.9 (4)	6.9 (2)	1,301	3.1 (6)	2.2 (26)	11.8 (18)	657	15.7 (8)	14.2 (17)	1,056	7.9 (18)
Ward	1,402	8.8 (9)	9.5 (8)	5,457	5.7 (21)	2.0 (22)	9.1 (7)	2,165	14.8 (5)	12.1 (11)	3,496	3.6 (6)
Wells	37	* *	* *	174	3.4 (7)	0.6 (3)	13.2 (23)	78	* *	* *	133	1.5 (2)
Williams	355	6.5 (3)	10.7 (12)	1,342	6.4 (28)	1.4 (16)	11.4 (16)	553	17.0 (14)	13.6 (14)	950	4.2 (8)
North Dakota	10,588	8.5	8.8	45,884	5.0	2.0	12.2	20,497	17.0	13.8	33,829	8.9



⁽¹⁾ Reporting period is January 1 through December 31.

⁽²⁾ Analyses based on one record per child.

⁽³⁾ Excludes records with unknown data or errors.

⁽⁴⁾ Rank compares this county's rate to other counties. Rank 1 = best rate.

⁽⁵⁾ Infants born during the reporting period included in the analysis.

⁽⁶⁾ Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age <= 2.3rd percentile, underweight is defined as weight-for-length <= 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as >= 97.7th percentile.

⁽⁷⁾ Based on 2000 CDC growth chart percentiles for children 2 years of age and older, short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age >= 85th to < 95th percentile, and obesity is defined as >= 95th percentile.

⁽⁸⁾ Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

^{*} Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

Page:

Run Date:

(2)

3 / 14 / 12

		Comp	arison	of Breas	stfeedi	ng, TV V	iewing	g, and	d Sm	oking	in Housel	hold (4,	5)			
			Breastfe (eeding 6)				Exclu	sive B	reastfeed (7)	ing	≤2 Hou Viewin (Smok Hous		
County	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Numbe	Brea A Le (Mor	ast 3	Numbe	Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rai	
Adams	33	* *	33	* *	21	* *	34	*	*	30	* *	49	* *	91	*	*
Barnes	151	64.9 (5)	142	22.5 (4)	107	12.1 (5)	136	22.1	(2)	132	17.4 (1)	249	85.5 (4)	332	9.0	(13)
Benson	353	25.8 (15)	322	3.7 (15)	304	2.6 (14)	340	4.1	(14)	318	1.3 (13)	984	70.4 (20)	911	9.2	(15)
Bottineau	61	* *	57	* *	38	* *	55	*	*	50	* *	106	84.9 (5)	132	7.6	(7)
Bowman	30	* *	28	* *	23	* *	23	*	*	24	* *	43	* *	74	*	*
Burke	11	* *	8	* *	5	* *	9	*	*	6	* *	11	* *	23	*	*
Burleigh	1,325	68.8 (3)	1,213	18.1 (7)	913	10.2 (8)	1,239	13.9	(6)	1,143	5.4 (10)	2,174	72.0 (18)	2,846	10.0	(16)
Cass	2,453	69.8 (2)	2,149	24.4 (3)	1,664	13.0 (3)	2,116	14.1	(5)	2,080	7.6 (8)	3,935	82.0 (10)	5,092	4.5	(4)
Cavalier	46	* *	39	* *	28	* *	42	*	*	38	* *	73	* *	94	*	*
Dickey	72	* *	70	* *	50	* *	70	*	*	64	* *	176	73.3 (17)	195	3.6	(2)
Divide	19	* *	17	* *	14	* *	17	*	*	16	* *	41	* *	52	*	*
Dunn	6	* *	5	* *	7	* *	5	*	*	5	* *	23	* *	29	*	*
Eddy	19	* *	20	* *	16	* *	21	*	*	20	* *	54	* *	44	*	*

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

(2)

Page:

Run Date:

3 / 14 / 12

		Comp	arison	of Breas	stfeedi	ng, TV V	iewing	, and	Sm	oking i	n Housel	nold (4,	5)		
			Breastfe	eeding 6)				Exclus	sive B	reastfeedi (7)	ng	≤2 Hou Viewin (ing in ehold
County	Number	Ever Breastfed	Number	Breastfed At Least 6 Months	Number	Breastfed At Least 12 Months	Number	Breas At Lea 3 Mon	stfed t ast ths	Number	Breastfed At Least 6 Months	Number	%	Number	%
		(Rank)		(Rank)		(Rank)		(Rar			(Rank)		(Rank)		(Rank)
Emmons	65	* *	67	* *	64	* *	66	*	*	67	* *	251	65.7 (22)	190	31.1 (26)
Foster	42	* *	35	* *	30	* *	38	*	*	35	* *	79	* *	101	7.9 (9)
Golden Val	13	* *	8	* *	4	* *	9	*	*	7	* *	30	* *	34	* *
Grand Fork	1,431	71.4 (1)	1,378	26.0 (1)	1,006	14.3 (2)	1,332	17.0	(4)	1,314	9.9 (4)	2,222	81.5 (11)	3,067	8.6 (12)
Grant	14	* *	14	* *	12	* *	14	*	*	14	* *	46	* *	38	* *
Griggs	45	* *	40	* *	31	* *	45	*	*	40	* *	98	* *	96	* *
Hettinger	13	* *	10	* *	8	* *	10	*	*	8	* *	35	* *	37	* *
Kidder	25	* *	26	* *	18	* *	26	*	*	26	* *	61	* *	60	* *
LaMoure	11	* *	12	* *	11	* *	10	*	*	10	* *	41	* *	40	* *
Logan	17	* *	16	* *	12	* *	15	*	*	15	* *	41	* *	43	* *
McHenry	46	* *	39	* *	29	* *	41	*	*	38	* *	96	* *	115	19.1 (23)
McIntosh	36	* *	38	* *	30	* *	29	*	*	27	* *	100	72.0 (18)	96	* *
McKenzie	18	* *	11	* *	8	* *	15	*	*	10	* *	24	* *	47	* *

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

(2)

3 / 14 / 12

Page:

Run Date:

		Comp	arison	of Breas	stfeedi	ng, TV Vi	ewing	յ, and	d Sm	oking iı	n Housel	nold (4,	5)			
			Breastfe (eeding 6)				Exclu	isive B	reastfeedir (7)	ng	≤2 Hou Viewin (king in sehold	
County	Number	Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	Brea A Le	% stfed at ast ast nths	Number	% Breastfed At Least 6 Months	Number	%	Number	%	
		(Rank)		(Rank)		(Rank)		(Ra	ank)		(Rank)		(Rank)		(Rar	nk)
McLean	84	* *	86	* *	70	* *	81	*	*	82	* *	155	95.5 (1)	198	8.1	(10)
Mercer	65	* *	58	* *	42	* *	65	*	*	57	* *	106	75.5 (16)	138	11.6	(18)
Morton	400	66.0 (4)	351	19.7 (5)	257	10.9 (7)	374	11.5	(11)	340	5.6 (9)	621	77.0 (14)	809	8.4	(11)
Mountrail	15	* *	12	* *	7	* *	13	*	*	11	* *	16	* *	29	*	*
Nelson	26	* *	25	* *	28	* *	24	*	*	24	* *	90	* *	82	*	*
Pembina	96	* *	86	* *	71	* *	91	*	*	83	* *	257	90.3 (3)	248	24.2	(25)
Pierce	38	* *	35	* *	26	* *	35	*	*	35	* *	97	* *	100	1.0	(1)
Ramsey	300	62.7 (6)	301	11.6 (14)	249	6.8 (12)	307	5.9	(13)	297	1.7 (12)	589	84.4 (7)	664	5.6	(5)
Ransom	90	* *	82	* *	59	* *	76	*	*	74	* *	206	75.7 (15)	237	7.6	(7)
Renville	12	* *	8	* *	12	* *	13	*	*	8	* *	13	* *	31	*	*
Richland	311	62.1 (8)	266	17.7 (8)	222	11.3 (6)	262	13.0	(9)	249	8.8 (6)	537	78.2 (12)	662	16.3	(21)
Rolette	842	48.0 (13)	825	11.8 (13)	769	7.5 (11)	807	3.3	(15)	809	1.0 (14)	2,267	69.2 (21)	2,034	13.1	(20)
Sargent	40	* *	44	* *	30	* *	41	*	*	44	* *	83	* *	100	13.0	(19)

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



North Dakota

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by County Children Aged < 5 Years (3)

(2)

3 / 14 / 12

Page:

Run Date:

		Comp	arison	of Breas	stfeedi	ng, TV Vi	ewing	, and	d Sm	oking	in Housel	hold (4,	5)		
			Breastfe	•				Exclu	sive B	reastfeed (7)	ing	≤2 Hou Viewir (Smok Hous	ing in ehold
County	Number	% Ever Breastfed (Rank)	Number	% Breastfed At Least 6 Months (Rank)	Number	% Breastfed At Least 12 Months (Rank)	Number	Brea A Le	ast 3 nths	Numbe	r % Breastfed At Least 6 Months (Rank)	Number	% (Rank)	Number	% (Rank)
Sheridan	26	* *	25	* *	18	* *	23	*	*	25	* *	41	* *	51	* *
Stark	401	58.6 (10)	321	24.9 (2)	235	16.2 (1)	327	24.5	(1)	305	16.1 (2)	516	83.3 (9)	787	16.9 (22)
Steele	15	* *	15	* *	12	* *	13	*	*	14	* *	29	* *	34	* *
Stutsman	367	52.3 (12)	347	15.9 (11)	251	9.2 (9)	336	13.1	(8)	327	8.3 (7)	529	92.1 (2)	716	3.8 (3)
Towner	19	* *	19	* *	15	* *	16	*	*	18	* *	43	* *	38	* *
Traill	115	38.3 (14)	103	16.5 (10)	90	* *	107	12.1	(10)	98	* *	234	38.9 (23)	263	9.1 (14)
Walsh	261	53.3 (11)	268	11.9 (12)	226	5.8 (13)	257	7.4	(12)	264	3.0 (11)	709	83.8 (8)	643	6.1 (6)
Ward	1,582	59.8 (9)	1,441	18.9 (6)	988	12.3 (4)	1,389	18.7	(3)	1,312	13.3 (3)	1,913	84.7 (6)	3,252	10.7 (17)
Wells	46	* *	40	* *	32	* *	43	*	*	39	* *	86	* *	99	* *
Williams	401	62.6 (7)	346	17.1 (9)	207	9.2 (9)	350	13.4	(7)	318	9.4 (5)	451	77.6 (13)	775	23.0 (24)
North Dakota	11,907	62.8	10,901	19.7	8,369	11.1	10,807	14.	2	10,370	8.0	20,630	78.8	25,869	9.8

- (1) Reporting period is January 1 through December 31.
- (2) TV Viewing and Smoking in Household data are not reported by all contributors.
- (3) Analyses based on one record per child.
- (4) Excludes records with unknown data or errors.
- (5) Rank compares this county's rate to other counties. Rank 1 = best rate.
- (6) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.
- (7) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.
- Children aged 2 years and older included in the analyses.
- Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

